

Title (en)

HEAT-RESISTANT, FERRITIC CAST STEEL, AND EXHAUST EQUIPMENT MEMBER MADE THEREOF

Publication

EP 0530604 A3 19930317 (EN)

Application

EP 92114225 A 19920820

Priority

- JP 11413592 A 19920407
- JP 11413692 A 19920407
- JP 23412891 A 19910821
- JP 23412991 A 19910821

Abstract (en)

[origin: EP0530604A2] The heat-resistant, ferritic cast steel suitable for exhaust equipment members such as exhaust manifolds (1) and turbine housings (2) has a composition consisting essentially, by weight, of: <IMAGE> the cast steel having, in addition to a usual alpha -phase, an alpha min -phase consisting of the alpha -phase and carbides and transformed from a gamma -phase, and an area ratio (alpha '/(alpha + alpha ')) being 20-80%.

IPC 1-7

C22C 38/22; **C22C 38/24**; **C22C 38/26**; **F01N 7/16**

IPC 8 full level

C22C 38/22 (2006.01); **C22C 38/24** (2006.01); **C22C 38/26** (2006.01); **F01D 5/28** (2006.01); **F01N 13/16** (2010.01); **F02B 1/04** (2006.01)

CPC (source: EP US)

C22C 38/22 (2013.01 - EP US); **C22C 38/24** (2013.01 - EP US); **C22C 38/26** (2013.01 - EP US); **F01D 5/28** (2013.01 - EP US); **F01N 13/16** (2013.01 - EP US); **F01N 2530/04** (2013.01 - EP US); **F02B 1/04** (2013.01 - EP US)

Citation (search report)

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- [A] EP 0440220 A1 19910807 - HITACHI METALS LTD [JP]
- [A] GB 1205250 A 19700916 - TOYO KOGYO KABUSHIKI KAISHA [JP]
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Cited by

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